

SCIENTIFIC INSTRUMENT VENDOR SHOWCASE AND SEMINARS

WHEN: APRIL 7TH, 9AM TO 4:30PM

**WHERE: Otowi Building - 3rd Floor
(FOOD AND DRINKS PROVIDED)**

WHO & WHAT

ALCOTT CHROMATOGRAPHY

www.alcottchromatography.com

- HPLC & LC/MS
AUTOSAMPLERS
- HPLC PUMPS
- HPLC PLATE CHANGERS

BROOKFIELD ENGINEERING

www.brookfieldengineering.com

- VISCOMETERS, RHEOMETERS
- TEXTURE ANALYZERS

CSC SCIENTIFIC

www.cscscientific.com

- KEM AUTOMATIC POTENTIOMETRIC
TITRATORS
- KEM KARL FISCHER MOISTURE
TITRATORS

GROTON BIOSYSTEMS

www.grotonbiosystems.com

- LAB CAPILLARY ELECTROPHORESIS
- HIGH RESOLUTION FLUORESCENCE
UV-VIS DETECTORS
- ON-LINE BIOREACTOR ANALYZERS
AND SAMPLERS

JORDAN VALLEY EDXRF

www.jordanvalley-apd.com

- ENERGY DISPERSIVE X-RAY
FLUORESCENCE ANALYZERS

SYMPATEC - SYSTEMS FOR PARTICLE TECHNOLOGY

www.sympatec.com

- LASER DIFFRACTION PARTICLE SIZE
ANALYZERS
- PHOTON CROSS-CORRELATION
SUB-MICRON PARTICLE SIZE ANALYZER
- DIGITAL IMAGE PARTICLE SHAPE AND
SIZE ANALYZER

SEMINARS

9:30 AM: NANOPHOX SUB-MICRON PARTICLE SIZE. Using a newly developed technique of 3D cross correlation and dynamic light scattering, multiple scattering effects are eliminated and samples may be measured without dilution

10:10 AM: HPLC, LC/MS; OPTIMIZING SAMPLE CARRY-OVER ELIMINATION IN LC/MS ANALYSIS

10:50 AM: EDXRF is an ideal method for a quick and simple elemental analysis for industrial control purposes and environmental screening.

11:30 AM: OICPIC DIGITAL IMAGING for Particle Size & Shape Offers size and shape with image processing of the highest order from 3µm to 10,000µm. Using a pulsed light source with sub-nanosecond illumination. Provides up to 500 frames per second of 1024 x 1024 pixels.

1:00 PM: EDXRF can be used in soil remediation of not just mercury, but in other hazardous pollutants such as Pb, As, Cd, and other heavy metals that leach into soils.

1:40 PM: TITRATION PRINCIPLES. Karl Fischer moisture analysis, principles of Potentiometric titration and general applications.

2:20 PM: HELOS LASER DIFFRACTION system for dry powders (with unique dispersing capabilities even down to 0.1 microns), suspensions and sprays, covering a size range from 0.1 to 8,750 microns. MYTOS for "in-pipe" continuous laser diffraction particle size analysis for dry powders to 3,500 microns and TWISTER for true isokinetic sampling in pipelines for either dry powders or slurries.

3:00 PM: EDXRF can also be used in coal analysis for elements such as the oxides of the elements: Si, Al, Fe, Ca, Mg, Na, K, Ti, Mn, S, P, Ba, Sr, and Zn in a coal sample. Concentrations of these elements can be used to determine the quality of the coal for petrochemical and energy use.

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